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L-6248-D  
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By: August Hochreiner

From: ETZ-A V.77(1956):302-308

( 7 pp )

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\* AEC

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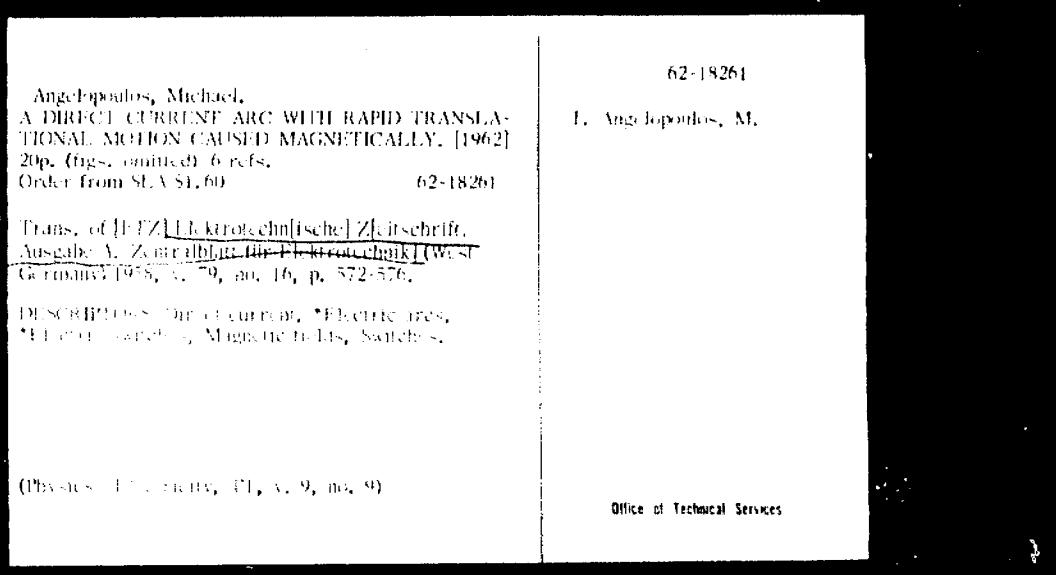
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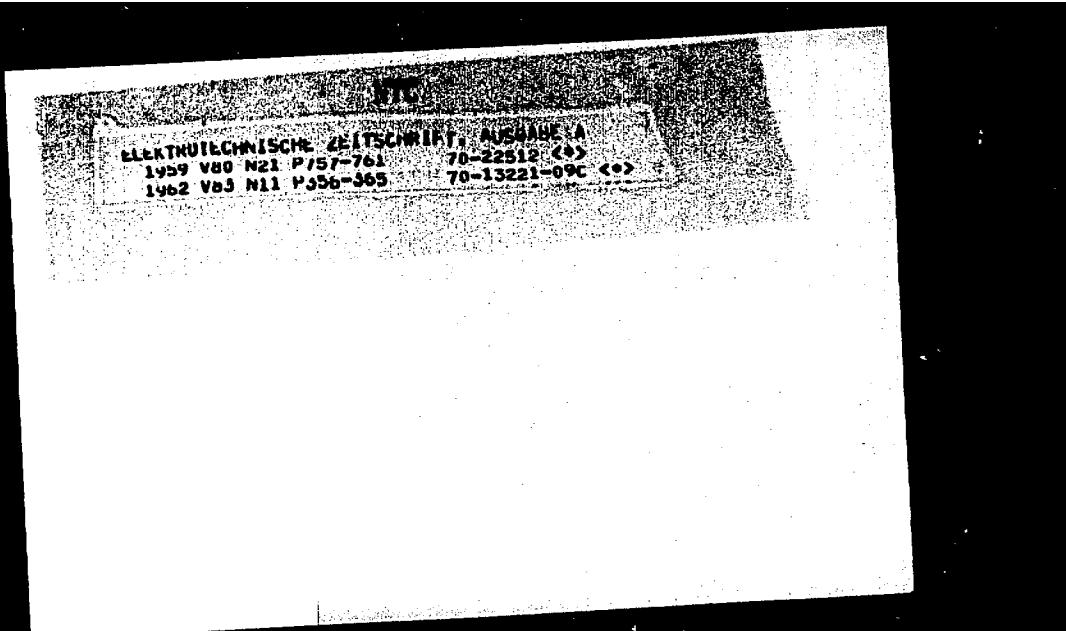
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list 110



MIPR AS-101 (6-14(h))

R-6252-D  
18 Nov 65

Lichtbogenanwendung an runden Stäben

By: Vomissat Comme

From: ETZ-A V. 81(1960: 132-139)

(8 pp)

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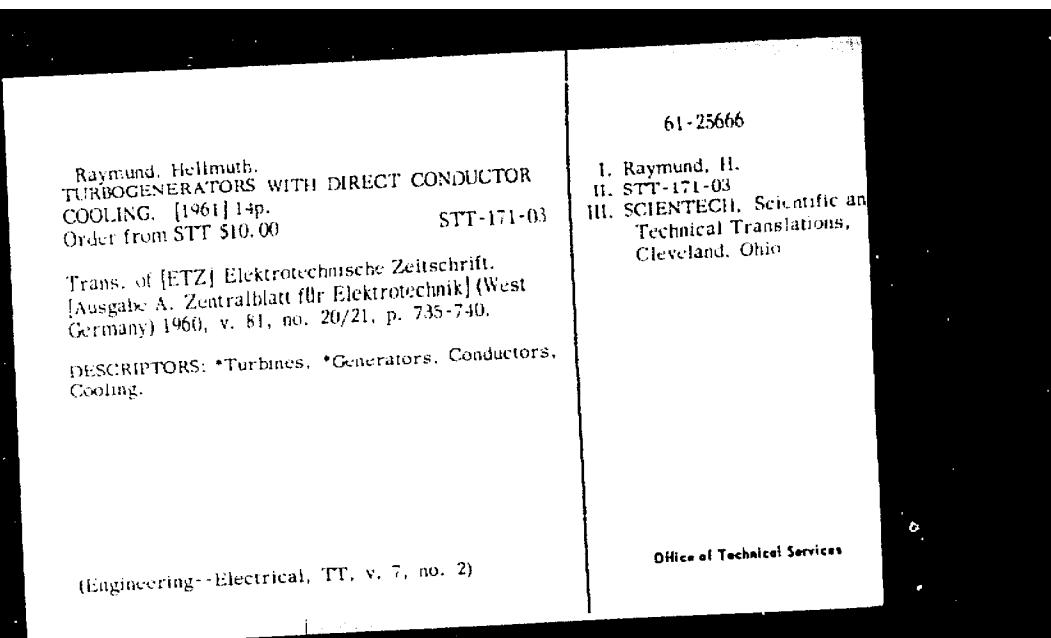
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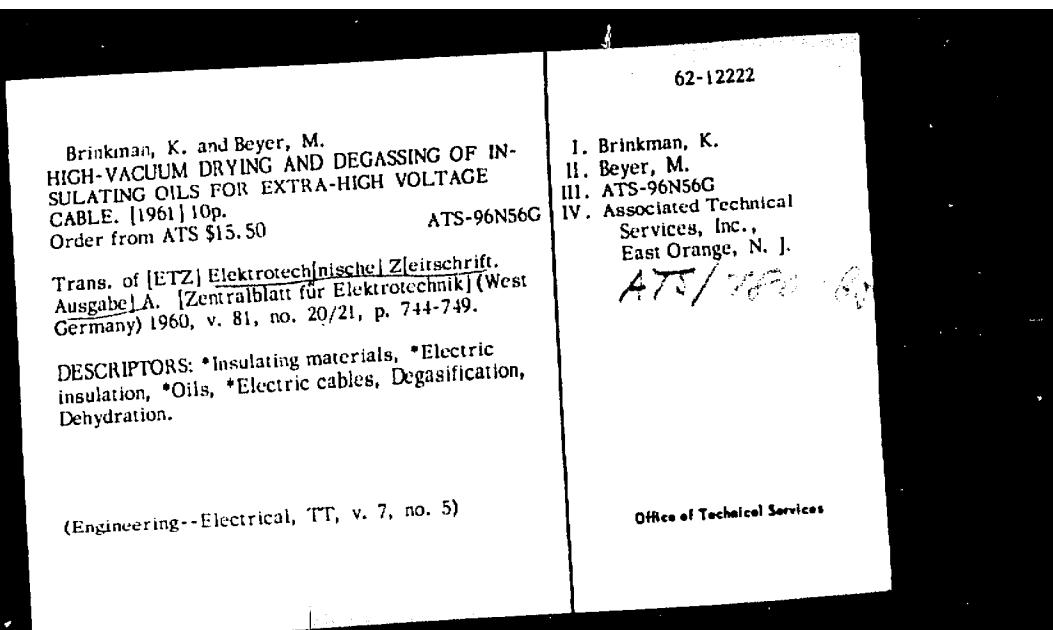
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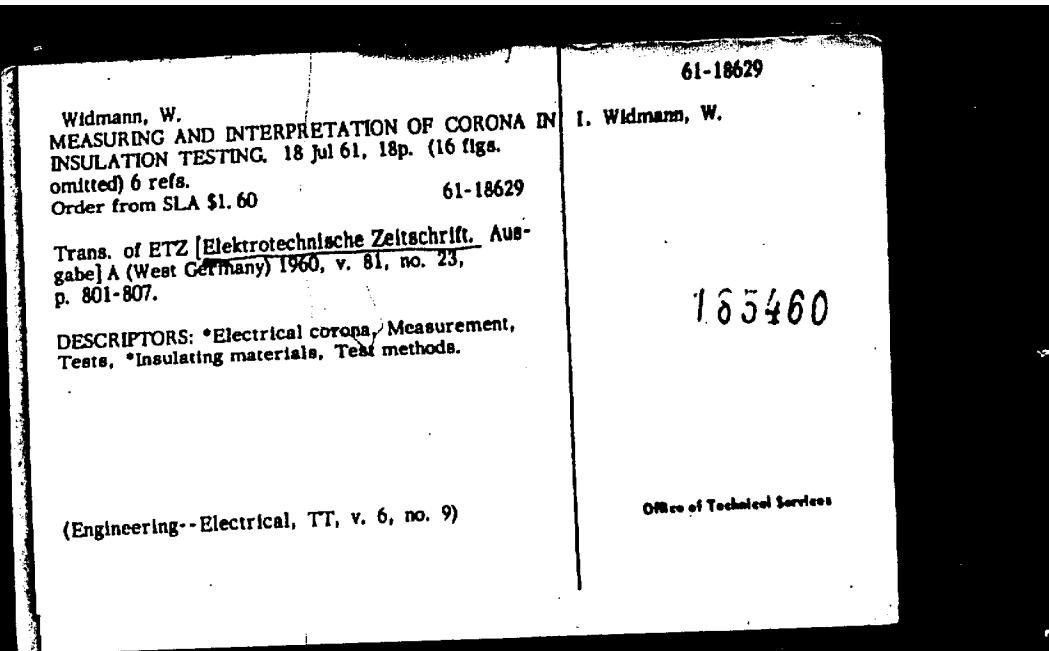
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Sci - Electron  
21 Feb 1963

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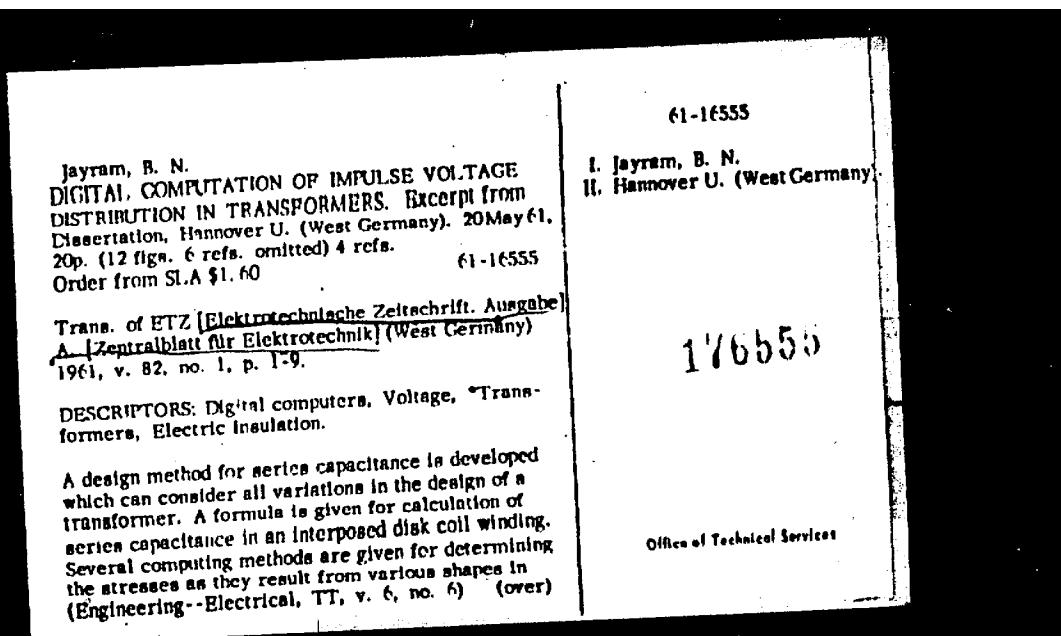






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Wiesener, W.  
SPECIAL VARIABLE CAPACITOR FOR MEASURING  
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Order from SLA \$2.60 62-20385

Trans. of [ETZ] Elektrotechnische Zeitschrift.  
[Ausgabe] A. [Zentralblatt für Elektrotechnik] (West  
Germany) 1961, v. 82, no. 19, p. 605-609.

DESCRIPTORS: \*Capacitance, Measurement, Measuring devices (Electrical and Electronic), \*Variable capacitors, Design, Construction

This paper describes a narrow range, variable capacitance air capacitor operated by a slow motion vernier drive mechanisms. These features permit measuring very small capacitances by the direct substitution method. The outstanding features of the present design is the use of a floating rotor. Various disadvantages of earlier designs have been eliminated. In its present (Engineering--Electronic, TT, v. 10, no. 1) (over)

62-20385

I. Wiesener, W.

Office of Technical Services

O. Loh

AC arc behaviour on low voltage switches  
GERMANY, per, Elektrotechnische Zeitschrift A, Vol 82,  
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SIP tracing 26383

July 73

<p>Strigel, R. and Winkelkemper, H. BREAKDOWN STRENGTH OF OIL AND OIL-PAPER INSULATION WHEN SUPER-SATURATED WITH AIR. [1962] 11p. (13 figs. omitted) 4 refs. Order from SLA \$1.60</p> <p>Trans. of ETZ [Elektrotechnische Zeitschrift, Ausgabe] A. [Zentralblatt für Elektrotechnik] (West Germany) 1961 [v. 82, no. 26] p. 833-[838].</p> <p>DESCRIPTORS: *Electric insulation, *Insulating materials, Oils, Paper, Supersaturation, Air, Gases, Absorption, Voltage.</p> <p>Experiments showed that breakdown strength in electrical devices having gas cushions is impaired by super-saturated oil. In divergent fields, when break- down is initiated by corona discharges, there is no re- duction but rather a slight increase in breakdown (Engineering-Electrical, TT, v. 8, no. 3) (over)</p>	<p>62-14736</p> <p>I. Strigel, R. II. Winkelkemper, H.</p> <p>Office of Technical Services</p>
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Zeitschrift-A, Vol 83, No 11, 5 May 1962.  
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Sci/Electronics  
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2887001

CEA-tr-A-1471 Unc1.

L'INFLUENCE DES RAYONS RADIOACTIFS ET DE CHARGES SPATIALES SUR LA TRAJECTOIRE DE LA FOUDRE. (The Influence of Radioactive Radiation and of Space Charge on the Trajectory of Lightning). Dietrich Mueller-Hillebrand (France. Commissariat à l'Energie Atomique. Centre d'Etudes Nucléaires, Saclay). Translated into French by M. Makarius from Elektrotech. Z., A, 83: 152-7(1962). 25p. (Includes original, 6p.).

Physics; Translations MN-34

C-34 NP NSA Dep.(m); \$2.60(fs), \$0.95(mf)  
N-5 JCL

MIPR AS-101, 66-14(c)

R-247-D

18 Nov 65

Kurzschlußlichtbogen in Hochspannungsschaltanlagen

By: August Hochrainer

( 5 pp)

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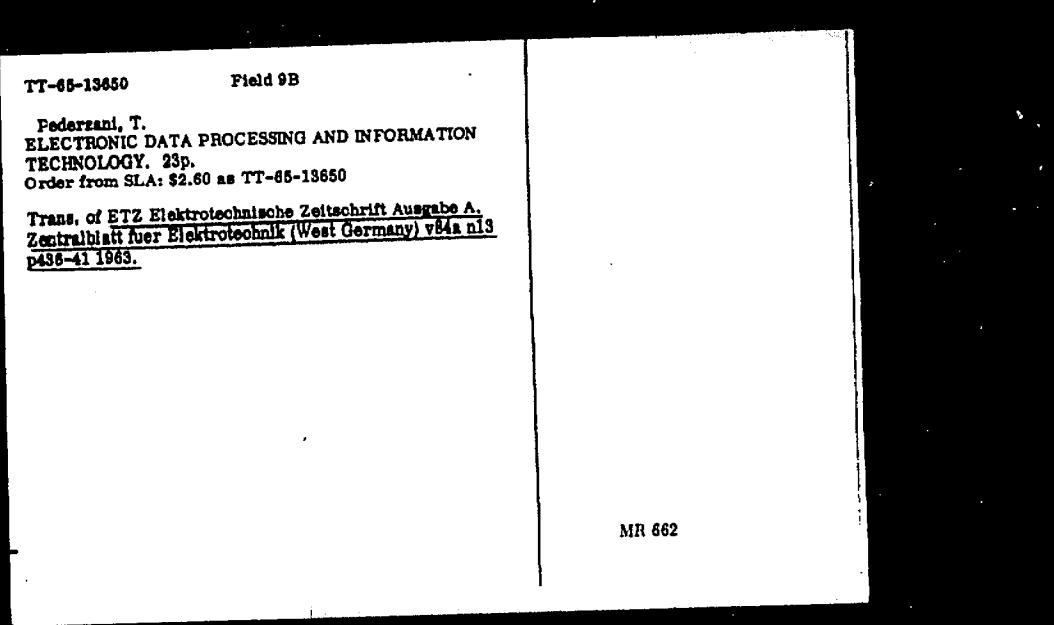
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From: ZFZ-A B, 34, 1963 pp 499-503 (5 pp)

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